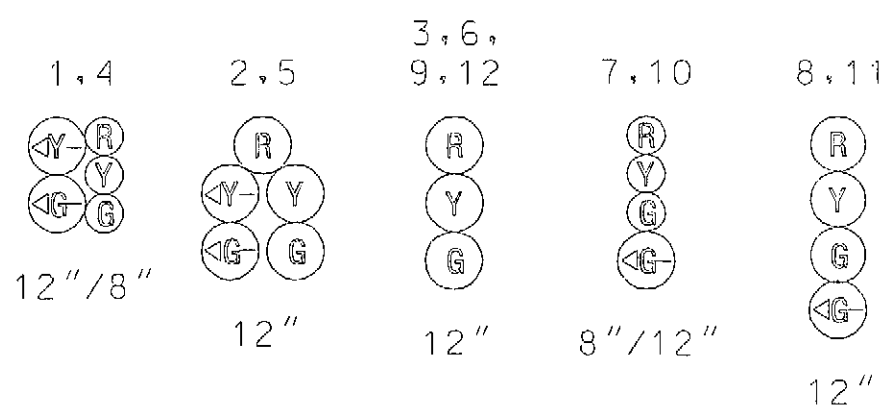


PROPOSED SIGNALS

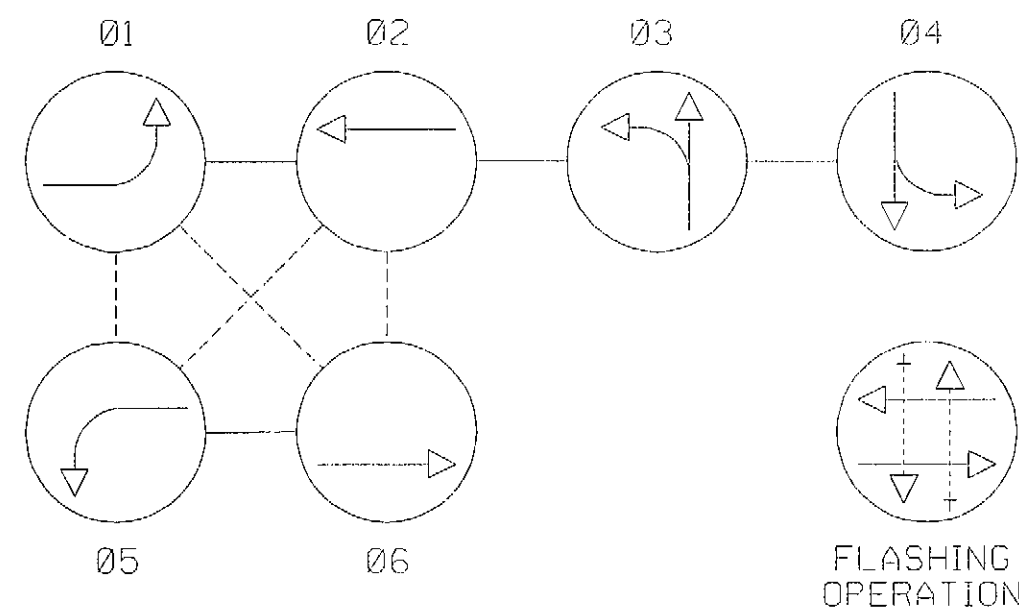
a, b, c, d, e, f

PROPOSED VIDEO
DETECTION

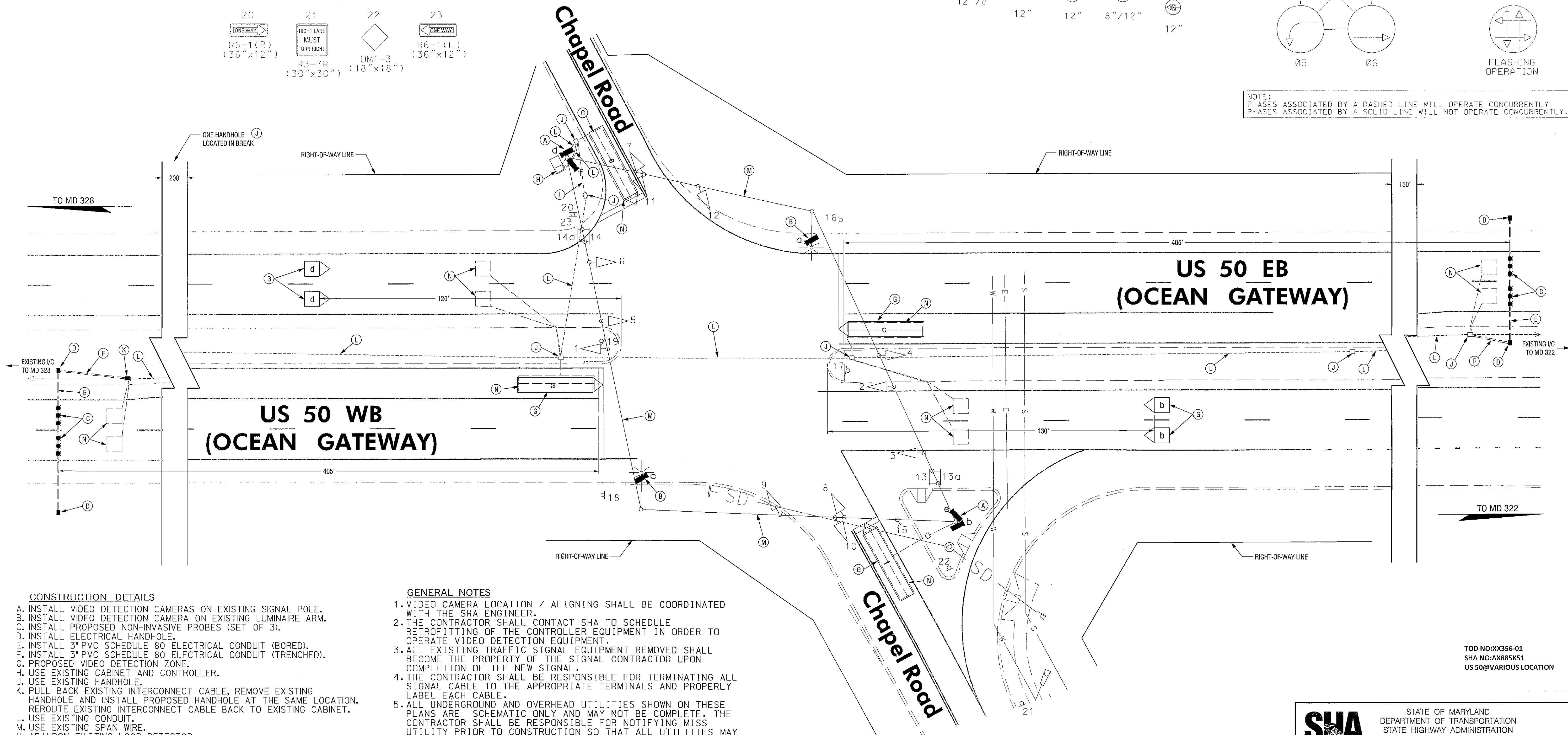
EXISTING SIGNALS



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL VIDEO DETECTION CAMERAS ON EXISTING SIGNAL POLE.
- INSTALL VIDEO DETECTION CAMERA ON EXISTING LUMINAIRE ARM.
- INSTALL PROPOSED NON-INVASIVE PROBES (SET OF 3).
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT (BORED).
- INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT (TRENCHED).
- PROPOSED VIDEO DETECTION ZONE.
- USE EXISTING CABINET AND CONTROLLER.
- USE EXISTING HANDHOLE.
- PULL BACK EXISTING INTERCONNECT CABLE, REMOVE EXISTING HANDHOLE AND INSTALL PROPOSED HANDHOLE AT THE SAME LOCATION. REROUTE EXISTING INTERCONNECT CABLE BACK TO EXISTING CABINET.
- USE EXISTING CONDUIT.
- USE EXISTING SPAN WIRE.
- ABANDON EXISTING LOOP DETECTOR.

GENERAL NOTES

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
- DISCONNECTING AND SPLICING OF INTERCONNECT CABLE SHALL BE PERFORMED BY SHA FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF EACH CABINET AND PROPERLY TAG THE CABLE. CONTACT MR. ED RODENHIZER AT 410-787-7650 SEVENTY-TWO HOURS IN ADVANCE OF INTENDED WORK.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD — SD — STORM DRAIN
G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES
F — F — FIBER-OPTIC

TOD NO: XX356-01
SHA NO: AX885K51
US 50@VARIOUS LOCATION



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

**US 50 AND CHAPEL RD
DETECTION UPGRADE**

EASTON, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE MARCH 6, 1984 CONTRACT NO. 855-25001

DESIGNED BY COUNTY TALBOT

DRAWN BY W. RICHARDSON LOGMILE 20005010.08

CHECKED BY TIMS NO. J601

F.A.P. NO. TOD NO.

TS NO. 1949E DRAWING SG-05 OF 10 SHEET NO. 05 OF 10

APPROVALS	REVISIONS
TEAM LEADER	© DETECTION UPGRADE SHA NO.: XX3565168
ASST. DIV. CHIEF	MF 09-02-2009 09-02-2009
DIVISION CHIEF	D INSTALL LED'S / SPLIT SIDE STREETS SHA NO.: XX3405185 05-14-2009
OFFICE DIRECTOR	FJA C RELOCATE POLE IN NE QUADRANT SHA NO.: BW996M82 09-15-2004
	JJD MAR DAZ BRK

PLOTTED: Thursday, September 03, 2009 AT 10:57 AM
FILE: J:\DATA\J601\Plans\J601GPD-US50@Chapel.dgn